



TED N. BURGER, LEFT, becomes Y-12's fourth candidate for undergraduate study at the University of Tennessee under the Atomic Energy Commission's Technical Scholarship Program (formerly known as 'Operation Lift.') He is congratulated above by Leo Hemphill superintendent of Tool Engineering.

Ted N. Burger Is Fourth Y-12er Chosen On AEC's Technical Scholarship Program

The Technical Scholarship Program of the Atomic Energy Commission (formerly called 'Operation Lift') has announced Y-12's fourth candidate for the benefits under the program, Ted N. Burger, Tool Engineering. Tony Chilcoat, Herb Mitchell and John T. Sweeney have completed their undergraduate work in college under the TSP benefits.

Burger will enter the University of Tennessee this quarter, work in Y-12 during the summer, and re-enter college this fall to continue straight through. The program, now more than three years old, was proposed by AEC Commissioner Mary Bunting (the only woman to ever serve on the AEC) to provide an opportunity for capable employees working as technicians to be given time off with full salary, tuition and fees, to complete studies for an undergraduate degree in a technical field or engineering field.

Ted, a native of Murphy, North Carolina, graduated from Oak Ridge High School in 1959. He attended Cumberland College, Williamsburg, Kentucky . . . and has been taking extension work at UT since coming to Y-12 February 11, 1964.

Ted is married to the former Melisande Kurtz and they have a

daughter . . . Stacey. The Burgers live at 102 Lawton Road, Oak Ridge. He is quite an outdoorsman and participates in softball play in plant leagues during the summer, between studies and work.

Ted will pursue work on an industrial engineering degree at U.T.

The objective of the scholarship program is to identify talented, young technicians and help them obtain their college credit in shorter time than is presently possible under existing conditions.

Congratulations, Ted Burger, and good luck in school!

Brazil's Forneris Is Seminar Guest Speaker

Roberto Forneris, University of Sao Paulo, Brazil, is guest at this week's joint Physics-Chemistry Division seminar. His subject will be "Infrared and Raman Spectra of the Polyhalide Ions."

The seminar is set for tomorrow, Thursday, April 17, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

Utility Orders Still Big News For AEC

Utility orders for nuclear electric plants continued to attract wide attention last year, as electric utilities made known plans for 18 nuclear power plants, and placed orders for 15 with a total capacity of about 12,800,000 kilowatts.

Nuclear reactors for other applications also received considerable attention last year, particularly dual-purpose plants which would desalt water as well as produce electric power and process steam.

Computer Use In Nuclear Energy Field Conference

Scientists from six nations gather next week in Knoxville for the first international meeting devoted to the use of computers in the many peaceful applications of atomic energy. The conference will be held at the University of Tennessee's convention center, and it will use as its theme **The Effective Use of Computers in the Nuclear Industry**. The conference will open Monday, April 21 and continue through Wednesday, April 23.

ORNL, UT and the American Nuclear Society's Mathematics and Computations Division are jointly sponsoring the conference.

Morning and afternoon single sessions are planned for the three-day conference, including round-table discussions Tuesday evening. Invited papers will introduce and also provide a state-of-the-art review in some sessions; however, most of the scheduled program time will be filled by 20-minute contributed papers. The eight sessions will review computational methods for space-time kinetics, cross-section multigroup calculations, reactor design systems (variational foundations of flux synthesis), data processing, computational techniques, engineering analysis, and computational methods in solid mechanics ending with various Monte Carlo techniques. The Monte Carlo techniques reviewed will include the use of third generation computers in criticality calculations, experimental programs for three-dimensional nuclear systems, and general purpose shielding codes.

Dr. Alvin M. Weinberg, director of ORNL, will speak on "The Thermodynamic Revolution," at the banquet Monday night.

Mrs. Betty F. Maskewitz, wife of Mendel Maskewitz of Y-12's Research Services Center, is acting as conference general chairman.

Registration forms or any inquiries concerning the conference should be sent to ORNL, P.O. Box X, to the attention of Mrs. Maskewitz.

The proceedings of this conference are to be published by the U.S. Atomic Energy Commission, Division of Technical Information, National Bureau of Standards, U.S. Department of Commerce, Springfield, Virginia 22151.

ASME Meet Tomorrow Here At Elks Lodge

The Oak Ridge subsection of the American Society of Mechanical Engineers will meet tomorrow, Thursday, April 17, at the Oak Ridge Elks Lodge. The social hour begins at 7 p.m. preceding the regular program set for 8 p.m.

A. J. Miller, HUD Program Coordinator for the Reactor Division of ORNL, will speak on the "Use of Thermal Energy from Nuclear Energy Centers." Dr. Miller received his PhD in physical chemistry from the Massachusetts Institute of Technology in 1939. He has been associated with Oak Ridge since 1943, serving with Tennessee Eastman and Fairchild (ANP), as well as the Oak Ridge National Laboratory.

Van De Griff, Wheeler Wyatt Fabrication Foremen

Continued this week are promotions, effective April 1, in the Fabrication Division. Machining foremen are named in the Beta Two Shop, James C. Van De Griff; in Alpha Five's West Shop, Thomas L. Wheeler; and in Beta Four Heavy Machine Shop, Robert F. Wyatt.

James C. Van De Griff (who says he's probably related to the Vandegriff's who could spell) is a native of Knox County, and now lives at Route 2, Emory Road, Knoxville. He came to Y-12 February 1, 1963.

He worked as a mechanic in and around Knoxville and the Tri-State area and in Morristown and Atlanta. He served in the U.S. Navy from 1944 until 1946. He worked with the TVA, Rust Engineering and Sanford-Day also.

The Van De Griff's have two sons, George and Joel, and a daughter, Beverly, all in school. Mrs. Van De Griff is the former Wilma Smith.

Thomas L. Wheeler, another Knoxville native, came here September 29, 1958, after working in service stations in the Oak Ridge area. He attended the Mid-South Electronics School in Nashville before coming here.

Wheeler lives at 114 Jersey Lane, Oak Ridge. Mrs. Wheeler is the former Diane Kostal. They have three children . . . Tommy, Rickie and Tammy. They enjoy camping, boating and water skiing. Wheeler also likes to hunt and fish.

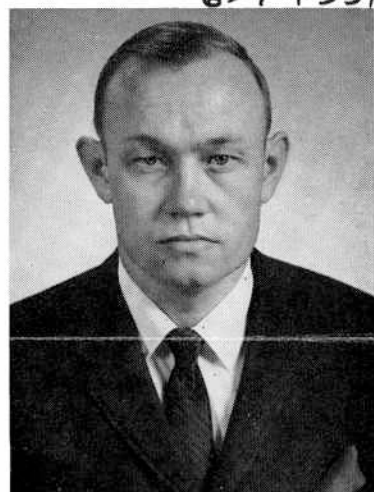
Fabrication's final promotion for April is Robert F. Wyatt, born in Kingston. He came to Y-12 April 14, 1954 after working on his father's farm, and serving in the U.S. Navy from 1950 until 1953 on a patrol squadron.

Wyatt lives at 206 Willowbrook Dr., Kingston. Mrs. Wyatt is the former Carolyn J. Whedbee. They have two daughters, Brenda Kay and Sandra.

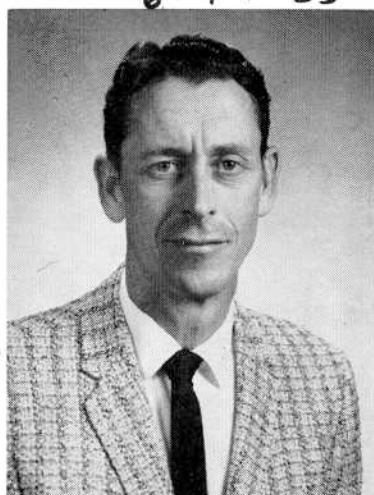
Wyatt enjoys woodworking in his home and takes to the woods hunting whenever he has a chance.



James C. Van De Griff



Thomas L. Wheeler



Robert F. Wyatt

Prestone Dominates Anti-Freeze Markets

Union Carbide's 40-year-old automotive product—PRESTONE—has long passed the half-billion gallon mark, and with constant formula improvement stays far ahead of competitive products in annual sales volume. Last year a new concentrated fuel detergent, Prestone Carb Tune-Up and Power Booster, was added to an already extensive car care line.

'Discoverers' Film Recognized By USIA

The United States Information Agency has chosen "The Discoverers" as the best film depicting American Industry and is making new prints in a number of different languages for showing overseas. The Union Carbide overseas offices will be notified when prints are sent to the USIA library in each country so that local customers may be invited to see the film.

Whitten Gives Paper At New Mexico School

Leonard G. Whitten, Metrology engineer in Y-12's Dimensional Inspection, gave a report recently at the University of New Mexico, Albuquerque, New Mexico. The paper was entitled "Machining and Measuring in Microinches." It described the development of a high precision machine tool designed to cut and measure test specimens to a few millionths-of-an-inch precision.

The report was given at a joint meeting of the American Institute of Instrument Engineers and the American Society of Tool and Manufacturing Engineers, held April 1-2 in the New Mexico school.

SAFETY SCOREBOARD

**The Y-12 Plant Has
Operated
142 Days Or
4,443,000 Man-Hours
(Unofficial Estimate)
Through April 13
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY**

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



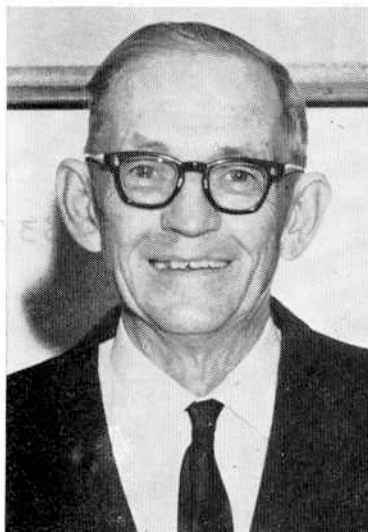
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R. E. Baxter Was April 1 Retiree



Rufus E. Baxter

The Bulletin apologizes to Rufus E. Baxter, who retired from Y-12's Research Services March 31. (We missed reporting his retirement.)

Baxter, a native of Cosby, Tennessee, came to Y-12 January 9, 1951. He lives with his family at 408 Robertsville Road, Oak Ridge.

What Is Pollution?

It's almost impossible to read a newspaper these days without seeing something about air or water pollution or solid waste disposal. People want action—and their elected representatives are responding.

But as progress is made in controlling air and water problems, the scope of the overall environmental health problem seems to broaden. A blue-ribbon Task Force on Environmental Health and Related Problems reported reported to the Secretary of Health, Education, and Welfare that, "What is needed now is an overview of the entire question . . . and its interrelated components, in not only water pollution, air pollution, solid wastes, but also noise, crowding, radiation, traffic safety, and ailments which can be related to these factors." To those may be added the burgeoning problem of thermal pollution and occupational health and safety.

In fact, the World Health Organization has characterized "pollution" as anything which causes a person stress or discomfort.

Maybe that's going too far. Maybe not. The certainty is that the war on environmental problems will escalate. And so will the chemical industry's cooperative effort to achieve continued progress without pollution . . . however 'pollution' is defined.



Nelline P. Ross

Nelline Ross Is Named Secretary Of Year, 1969

Nelline P. Ross, a secretary with the Nuclear Division, for 17 years, has been selected '1969 Member of the Year' by the Oak Ridge Chapter of the National Secretaries Association.

Nelline was presented the award at a chapter meeting Monday, April 14, from Mabel Tyler, last year's 'member of the year.' She received a cup and a certificate.

A native of Gainesville, Georgia, Nelline has nearly 20 years secretarial experience. She joined the Nuclear Division in 1952 as secretary to W. E. Unger, chemical technology division, ORNL, and in 1963 was appointed secretary to W. F. Gauster, thermonuclear division. She transferred to the Atomic Energy Combined Operations Planning Group (AEC-OP) in 1967 as secretary to Col. S. C. Bruce.

She achieved the Certified Professional Secretary rating in 1963, the highest rank a secretary can achieve.

Active in the Oak Ridge Chapter of NSA since 1963, Nelline is a past-president, and adviser to the official board of the chapter. She has served as chairman of such activities as Bosses' Night, Boss of the Year, Certified Professional Secretary Service and Education, Future Secretaries Association Workshop, and seminar to career secretaries.

A former president of the ORNL Girls Club, Nelline is a member of the Oak Ridge Boat Club and a skiing and swimming enthusiast.

Her husband Norman Ross is in Union Carbide Nuclear Division's purchasing department. The couple has two children, Mrs. Danny Smith, a student at East Tennessee State University, and a son Terry. The Ross home is at 335 Louisiana Avenue, Oak Ridge.

Snake Is Safer Pet Than Many Others!!!

A wild pet in captivity can be dangerous to both child and adult, warns the National Safety Council. No matter how tame the creature becomes, they may scratch, bite and show unbelievable temperament and revert to the native state, warns NSC.

And believe it or not, a snake is a safer pet than a wild skunk, rabbit, squirrel or racoon, it says here. (We just left the country!)

Energy Lab Opens In Los Angeles

The newest of the U.S. Atomic Energy Commission's traveling exhibits, "Energy Laboratory," began its six-month premier at the California Museum of Science and Industry in Los Angeles on Thursday, April 10.

Representative Chet Holifield of California, Chairman of the Joint Congressional Committee on Atomic Energy, was guest of honor at the formal opening of the exhibit on April 10 at the Museum's Space Center.

The traveling exhibit combines a graphic display of the story of energy with regular lecture-demonstrations by a specially trained exhibit manager. Seating for 75 visitors is provided as part of the exhibit, which is designed for extended showings at large museums throughout the country.

The basic structure of the "Energy Laboratory" is a ring-shaped enclosure, 20 feet in diameter and 8 feet high. The exterior wall is a diorama of pictures and three-dimensional representations that outline the story of energy, from the creation of the universe, through man's discovery of fire, the development of mechanics, the industrial revolution, to the harnessing of the power of the atom's nucleus.

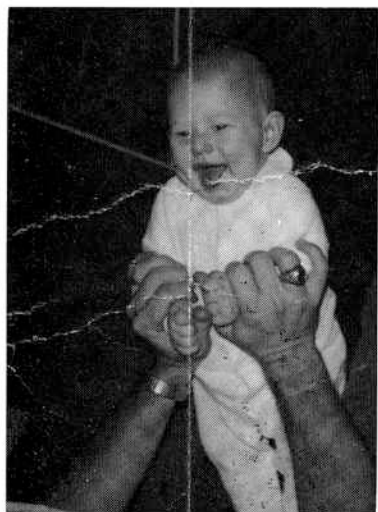
One segment of the circle is the lecture-demonstration area, where the exhibit manager presents a "live," in-depth explanation of the energy story. In the course of the lecture, he uses a variety of demonstration materials, motion pictures, and slides to illustrate the growth of man's dependence on new and expanding sources of energy.

The new AEC exhibit, which will be fourth circulating among the nation's major science museums, was designed and fabricated by Oak Ridge Associated Universities. ORAU operates the AEC's domestic exhibits program.

Manager of the exhibit for its Los Angeles showing will be David Jenkins, a graduate of Bethune-Cookman College, Daytona Beach, Florida, who has been a member of the ORAU staff since 1966.

Lecture-demonstrations will be presented daily during the six-month showing of the "Energy Laboratory" at the Museum's Space Center on State Avenue. There is no admission charge.

Law cannot persuade where it cannot punish.



ONE HAPPY FELLA is Trey Meadows (Trey for Halstead Meadows III), the son of Ted Meadows . . . and the grandson of Halstead Meadows, the first, in Y-12's 9215 Rolling Mill. Little Trey was only three months old when he learned to laugh so big!



A WRENCH TO BE USED IN SPACE has been developed at K-25 for possible use by astronauts on missions in space. The open-end flat ratchet was designed by J. C. Salyers (above) and other members of the Machine Engineering Department at K-25. The wrench, weighing about three pounds, is operated by a squeeze of the handle.

'Space Wrench' Developed At K-25 For Possible Astronaut Use In Space

'Chalk Circle' Is Balanced Melodrama

"The Caucasian Chalk Circle," Bertolt Brecht's elaborate and colorful show, will open at the Oak Ridge Playhouse in Jackson Square next Friday, April 26, and play Saturday, April 27, Friday, Saturday and Sunday at 8:20, May 2, 3 and 4, also. The Playhouse Box Office will be open daily from 10 a.m. through 5:30 p.m. for the two weeks of production beginning Monday, April 21. Phone reservations may be made through Oak Ridge telephone 483-1224.

Bill and Nancy Malthouse, John Franklin and his daughter, Giovanna, Steve Westfield and Chris Fulwider all play several roles in this multiple character production. Newsweek termed "Chalk Circle" an "amazingly balanced dramatic feast, blending melodrama, farce, spectacle, and folk play techniques." It deals mainly with the trials faced by a peasant girl in the Caucasus many years ago who rescues a child who has been abandoned by his royal mother. The girl grows to love the child as though it were her own and when its real mother tries to reclaim the lad, the girl is summoned to a peasant court. The judge is the village poacher, an intelligent rascal, who proposes that the child be placed in a chalk circle and the two women try to pull him out. It is the peasant girl who gives up first for fear of harming the child, and the judge awards the boy to her since she is the one who truly loves him. (Shades of Solomon!)

Playhouse memberships for the 1969-70 season will also be available at the Box Office during the durn of "Chalk Circle." All Play-

The Oak Ridge Gaseous Diffusion Plant has fabricated a "space-wrench" — an open-end flat ratchet wrench for evaluation for possible use by astronauts for maintenance and repair missions in space.

Weighing approximately three pounds, the wrench is so designed that it can be easily handled and manipulated by a man in a space suit. It is made almost entirely of ultra-high strength steel — steel having three to four times the strength of regular steel. The wrench is operated by squeezing the handle.

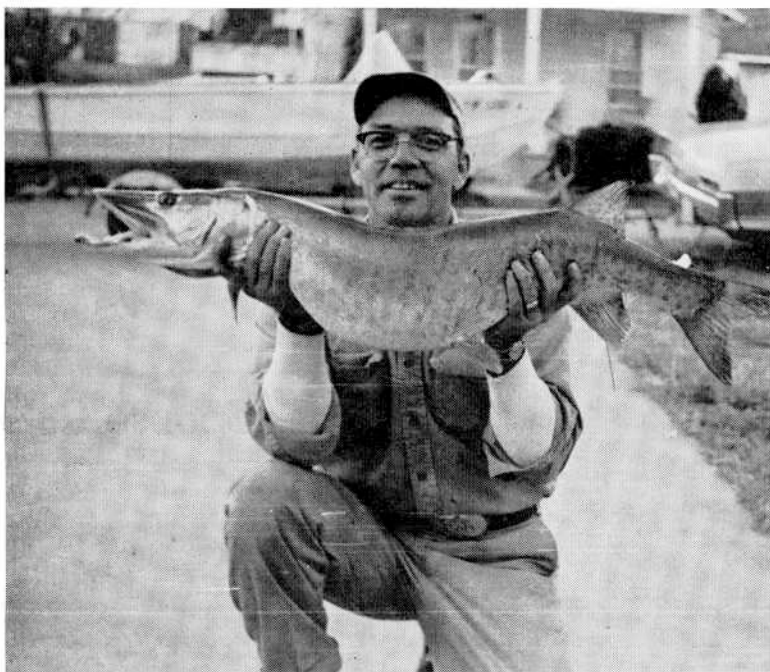
The ratchet wrench is the first item to be both designed and fabricated at ORGDP for the National Aeronautics and Space Administration. The plant was selected because of its unique design and fabrication capabilities. The work was conducted through an interagency agreement between the U. S. Atomic Energy Commission and NASA. The wrench is now being tested at the Marshall Space Flight Center, Huntsville, Alabama.

The principle of the wrench's operation was proposed by the Flight Center. The wrench was designed by J. C. Salyers and other members of the Machine Engineering Department at K-25.

Daylight Savings Time Makes Debut April 27

Ye clock-watchers take heed! Daylight savings time is coming. Clocks will be advanced one hour on Sunday, April 27, at 2 a.m. (In other words, we'll get cheated out of an hour's sleep Saturday week. But fret not . . . we'll get it all back in the Fall! How about that?)

house productions will run for three weekends next year to meet the growing requests for seats.



BO GLOVIER, ELECTRICAL, had to desert his own Watts Bar Lake for this fine muskie . . . it came from the cold waters of Norris naturally. It's a beauty, too, isn't it? Weight? . . . big secret . . . it's entered in the rodeo.

All Stars Cop Bowling Honors By Clawing Tigers

The All Stars, who won the first half of the Classic Bowling League, defeated the Tigers, second half winners, in the roll-off last Thursday night.

The All Stars started by taking the first game 1014 to 950 giving them a 64 pin lead. The Tigers fought back in the second game only to see the All Stars victorious 947 to 904. Going into the last game with a 103 pin lead, the All Stars didn't take chances on past laurels but flexed their muscles by taking a 91-point win 973 to 882, thus taking a total 198 pin victory.

The All Stars' Otto Briscoe had a 191 high single which gave him a 220 handicap. In addition a 613 gave him the high handicap series. The Tigers' Frank Tiller had high scratch series of 189, 171, and 172 for a total of 532.

The Classic League, Y-12's oldest and largest, is already organized for the 1969-1970 season beginning next September. Meanwhile the "Curtain is down" on a successful 1968-1969 season.

Hikers Plan Trek To Falls Saturday

Perhaps the only waterfall in the world that emerges from one cave in the rock and disappears into another will be visited by hikers on an outing sponsored by the Tennessee Citizens for Wilderness Planning Saturday, April 19. The unique 120-foot high Virgin Falls is situated within the dramatic valley of the Caney Fork River, the Scott's Gulf section of which is more than 850 feet deep.

Hikers will drive to one access point on the river in the morning and hike upstream (for about one hour and 45 minutes) to Virgin Falls. After lunching at the falls and returning to their cars, they will drive, first to a spectacular overlook, then to another access point on the river to view a cave a short ways up a tributary, Bee Creek. Walking will be easy, being mostly on old woods roads, but sturdy boots, waterproof, if possible, are advised.

Participants will meet at 8:30 a.m. CST (Note, 9:30 a.m. here) just south of Sparta. Take 70S to Sparta, turn south on Tennessee 111 (toward Spencer) and proceed 2.6 miles from Sparta to a left fork. This will be the rendezvous point. This spot is about a two-hour drive from Oak Ridge.

For details contact trip leaders, Grims Slaughter, Oak Ridge telephone 483-5859; H. Ray Pay, Knoxville 588-0866; Mack Prichard, Nashville 741-3251.

Who Needs License To Fish In Tennessee?

Who needs a fishing license in the State of Tennessee? The Game & Fish Commission states that anyone catching, capturing or killing fish or attempting to do so must have a license, **except**: children under 17 years of age, both resident and non-resident; Residents fishing in their home counties provided they do not use minnows or artificial lures; owners and tenants of farm land and their dependent children fishing on land where they reside; and military personnel on furlough or leave, when carrying a copy of their orders. A pass does not meet these requirements.

Natural Resources In Tennessee Are Of Vital Concern To Recreation Group

How can the Bureau of Outdoor Recreation help with the preservation of Tennessee's natural areas? What is the BOR's specific role in relation to newly enacted federal and state legislation, such as the National Wild and Scenic Rivers Act, the National Trails Act, and the Tennessee Scenic Rivers Act of 1968? Luther Winsor, chief of resource area studies of the Bureau's Southeast regional office, Atlanta, will attempt to answer these questions in an open meeting sponsored by the Tennessee Citizens for Wilderness Planning Friday, April 18, at 8 p.m. The meeting site will be the round annex, Rom E-207 at the Oak Ridge High School so that those attending may conveniently view a large photographic exhibit on the Grand Canyon, also sponsored by the TCWP, which is currently hanging in the High School Auditorium lobby (through April 26).

During the course of the meeting, there will also be shown a photographically outstanding film, "Tennessee and its Natural Resources," produced by the Interior Department's Bureau of Mines. The film's commentary is intended to provoke discussion from the audience.

The Bureau of Outdoor Recreation was established within the Department of Interior in 1962. Among its functions are to pre-

pare and maintain a continuing inventory of the nation's outdoor recreation needs and resources, and to provide technical and financial assistance to states and communities in efforts to provide outdoor recreation opportunities. The bureau administers the Land and Water Conservation Fund which provides moneys for acquisition of lands and waters.

The public is cordially invited to Friday's meeting.

Twisters Are Top Keglers In Mixed

The Twisters took the Mixed League's championship rolloff last week by a scant 16 pins . . . downing the Hits and Misses to the tune of 2223 to 2207 total pin-fall.

The Twisters took game one . . . 754 to 741. The H&M team posted a victory in game two 741 to 691 . . . then the Twisters tore into game three to win it 778 to 725 which gave them their winning margin.

Spence Ferguson rolled high singles of 195 scratch, 227 handicap . . . and his teammates' scratch series of 504 was high as Bill Sahr racked up that point. Jim Young, H&M, posted high handicap series of 590.

The winning team consists of Bill and Lou Sahr, Spence and Donna Ferguson. The men-women league will return to the local alleys next fall.

April 23 Dead-Line For Gatlinburg Duel

Next Wednesday, April 23, is the deadline for entering Y-12's big golf tournament, set at Gatlinburg, Saturday, April 26. Recreation will take entries up until 4:30 next Wednesday, but no more after that. Drawings will be held promptly Thursday, April 24, and foursome leaders will be notified of exact tee-off-times.



Ride wanted from 1000 West Outer Drive, Oak Ridge, to Biology or North Portal, straight day. Helen Selling, plant phone 3-6461, home phone Oak Ridge 483-6909.

Tee-Off Time Application For Gatlinburg Golf Tournament

Saturday, April 26

Foursome

_____, Leader

Leader's office phone _____

Home phone _____

Tee-off Time Preferred _____

Fill out completely and return to the Recreation Office, Building 9704-2. Deadline for entering is 4:30 p.m. Wednesday, April 23. Tee-off times will be drawn the next day, Thursday, April 24 at 8:30 a.m.

GOLF CARTS

Yes ☐ No ☐

Recreation



Monday, April 21

PHYSICAL FITNESS: (For Women): 7:30 p.m., Oak Ridge High School Girls' Gym.

Tuesday, April 21

PHYSICAL FITNESS: (For Men): 7:30 p.m., Oak Ridge High School Gym.

PISTOL LEAGUE: 6:45 p.m., Oak Ridge Sportsman's Association.

Wednesday, April 23

GOLF: Dead-line for entering Gatlinburg Tournament, 4:30 p.m.

Thursday, April 24

GOLF: Drawing for tee-off times, Gatlinburg, 8:30 a.m. Four-some leaders are notified of exact tee time.

ARCHERY: 5, 6, and 7 p.m., Indoor Range, Oak Ridge Sportsman's Association.

Saturday, April 26

GOLF: 7 a.m. First Tee-Off. Gatlinburg Country Club, Pigeon Forge.

HI POWER RIFLE LEAGUE: 9 a.m., Oak Ridge Sportsman's Association. Second shoot for April.

SPROUTLESS SPUDS

A harmless chemical inhibitor, sprayed on potatoes after harvest, will keep them sprout-free for as long as a year.



IS THIS WHAT A DRUNK SEES when he is driving? The National Safety Council reports that drunk-driving may be a factor in as many as half of all fatal traffic accidents. This is true for both drivers and pedestrians. Would you like to drive when you could see no better than the simulated picture above?



'MAN OF THE MONTH' in Assembly is Clyde W. Baird, Dispatching, Beta Two, chosen by fellow workers as an outstanding safe worker in the group. Election of a 'Man of the Month' is a new technique installed in the division's safety program by Bob Clouse, right, who congratulates Baird. The Assembly Division is contributing greatly to improving Y-12's overall safety performance.

Assembly Has Vigorous Safety Program Monthly

Congratulations to Clyde W. Baird, Beta Two Assembly, who was chosen "Man of the Month" for February by his fellow Assembly co-workers. Clyde was named on the basis of his safe work performance, participation in safety meetings, housekeeping, proper care and use of tools, safety awareness, and his concern for the safety of his fellow employees.

Election to man-of-the-month is a new technique installed in the Assembly Division's "On the Line in '69" safety program by director Bob Clouse. Since the Division's safety program success is dependent on each employee doing his share, awarding the employee selected by fellow employee representatives was deemed the most appropriate way to recognize individual effort.

The "On the Line" program also provides a medium for more effective communication throughout the division. A monthly division safety bulletin is published and distributed to each employee. The publication committee consists of Earl Manis, editor; Mary Thompson and John Landry, contribut-

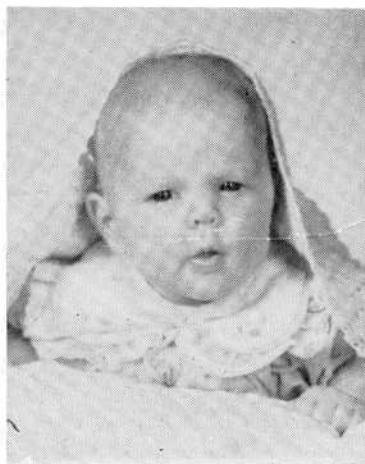
ing editors. This team assembles, edits, lays out and proofs all information submitted for publication. After two issues, the publication has proved to be very popular with employees and all indications point to its becoming a real valuable communication device for the division's already effective safety program.

ISA Ladies' Night Set Next Friday

The Oak Ridge Section of the Instrument Society of America is having its annual Ladies' Night meeting next Friday, April 25, at the Oak Ridge Country Club. The evening will begin with a social hour at 7, followed by dinner at 8 p.m.

Tony D'Andrea's band will play music for dancing from 9 p.m. until 1 a.m. Another feature will be a style show presented by Conley E. Morris, of Oak Ridge.

Additional information on next week's ISA meeting may be obtained from James L. Winters, extension 3-7597.



PEEK-A-BOO says little Cynthia Diane Hayes, born December 12, last year. Her papa J. R. Hayes is in Beta Four Heavy Machine Shop . . . with a grandmother (Jewell Hayes) in Mechanical Design Engineering; and a grandfather W. F. Ragsdale in the General Field Shop.



April speeds her happy way through its course, while other Y-12ers observe happy days with Union Carbide Corporation. Congratulations.

25 YEARS

Mary G. Davis, Production Assay, April 17.

Hugh L. Montooth, Guard Department, April 17.

Mildred R. Sparks, Chemical Services, April 19.

Francis S. McGuinness, Production Information Center, April 22.

15 YEARS

John W. Wilson, Alpha Five Machine Shop, April 19.

William B. Rutherford Jr., Machine Tool Engineering, April 19.

Rufus F. Knott, General Shop Job Liaison, April 19.

Milas L. Turner, Area Five Maintenance, April 19.

Clyde Ward, Area Five Maintenance, April 20.

Layron D. Nicely, Timekeeping, April 20.

Jay A. Lane, Dimensional Inspection, April 21.

John M. Hodge, Machine Maintenance, April 21.

Cecil Houser, A-2 Shops, 9212, April 21.

William L. Kautz, A-2 Shops, 9212, April 21.

Milton Patterson, Dispatching Department, April 21.

Jimmie L. Devaney, General Can Fabrication Shop, April 22.

John B. Gooch, Alpha Five Machine Shop, April 22.

Odis G. Carter, General Shop Job Liaison, April 22.

10 YEARS

Oliver Smelcher, Machine Tool Engineering, April 20.

WATCH THOSE RAGS

Rags are often an open invitation to fire—especially rags filled with paint or with oils, including furniture polish. One tiny stray spark could put you out of luck—and out of a home! Clean up such fire hazards now, reminds the National Fire Protection Association.



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

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Silicones Unit Set For Belgium

Plans for the construction of a silicones units to be located on the site of the recently completed petrochemicals plant of Union Carbide Belgium N.V., near Antwerp, were announced today by Birny Mason, Jr., chairman of the board of Union Carbide Corporation. This unit is the first expansion of the new Union Carbide petrochemicals plant that went into operation in October of last year.

Scheduled to be on-stream early in 1970, the presently planned unit will produce a wide range of products, including many silicone surfactants used in the manufacture of polyurethane foam. A unit already in production makes various polyols, which are also necessary ingredients in the manufacture of polyurethane foam. Together with other Union Carbide facilities at Hythe, England, the new Antwerp unit will enable Union Carbide to serve the fast growing foam industry in its trading areas throughout Europe, the Middle East, and North Africa.

Polyurethane foam, a product made from five major chemicals all of them produced by Union Carbide, has a wide variety of uses in the modern home and industry. It has the particular qualities of being nonallergenic and mildewproof and can be produced with tailor-made resilience. A leading foam for cushioning, it is also used in mattresses, insulated clothing, padding, toys, packing, rug underlays, sponges, mats, crash pads, light-weight structural parts, and appliance insulation. Union Carbide is a pioneer in the industry and makes available to its European customers a wide variety of technical know-how through product development laboratories.

Kids' Clothing Can Cause Lethal Fires!

Longer days . . . rising temperatures . . . the change-over from heavy, closely-knit clothing to wearing apparel of lighter weight, more loosely-woven fabrics . . .

Along with these signs of spring, warns the National Fire Protection Association, may go an increase in the hazards of clothing fires. Children are especially susceptible.

Give youngsters some protection from clothing fires by dressing them in sturdy play-clothes of tightly-woven materials such as denim, NFPA suggests. These fabrics ignite and burn less readily than those of lighter weight and looser weave.

Chemical Progress Week

April 21-26, next week is tagged Chemical Progress Week. The theme for this year's observation is "Chemistry's Contribution to Environmental Health." Tours, ceremonies and special rites all over the country will salute chemistry's contributions to man's well being.

Brock Spouse Cuts First Recording



Jerry Brock

Jerry Brock, husband of Frances Brock, cashier in Y-12's Cafeteria, is on his way . . . to what is hoped . . . "record fame." Jerry recently released a record on the RICH-R-TONE label . . . "You Can't Drown Your Sorrows in a Bottle," with "If You Ever Leave Me" on the flip side.

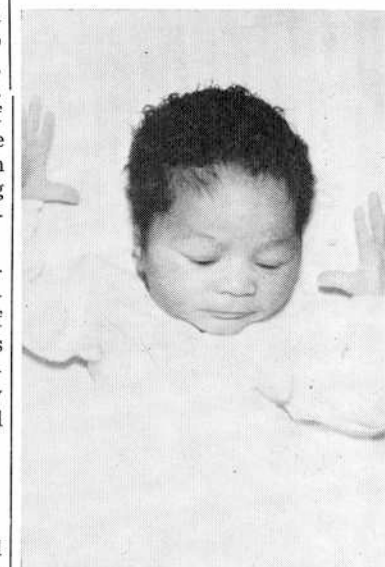
Jim Stanton, Johnson City, with 22 years experience in the country music business, is in charge of the production, which was set for release in April.

Jerry, 33, plays the guitar (but not on the new record), and works for the George Dinwiddie Distributing Company. The Brocks live at 2113 West Adair Drive, Knoxville. They have two daughters, Marisa, 12, and Angie, six.

Jerry is hard at work on a country music album to be released later.

BRIDGING THE GAP

The way dental bills are going up . . . we have a perfect solution. Just don't go . . . we never liked going anyway!



JOHN ERIC Purnell made his initial appearance at Ft. Sanders Presbyterian Hospital March 24, weighing an even seven pounds. He is the son of John H. O. and Shelia Purnell, Knoxville. The proud new father is in Y-12's Guard Department.

Power Mowers Have 'Power' . . . Good, Evil

Power mowers have the "power" to cause disaster as well as to be useful. What makes the difference? Well, for one thing, the respect with which you treat the gasoline you use for fuel.

So says the National Fire Protection Association, offering these suggestions for avoiding the danger of explosion and fire while power mowing:

Do all refueling outdoors, so dangerous vapors can't accumulate . . . Keep away from ignition sources and observe an absolute "No Smoking!" rule . . . Wipe up all spilled gasoline before you start the motor . . . Store fuel in a tight-closing metal can—never a glass container.